

## Objective 19: Reduce the number of days the Air Quality Index (AQI) exceeds 100

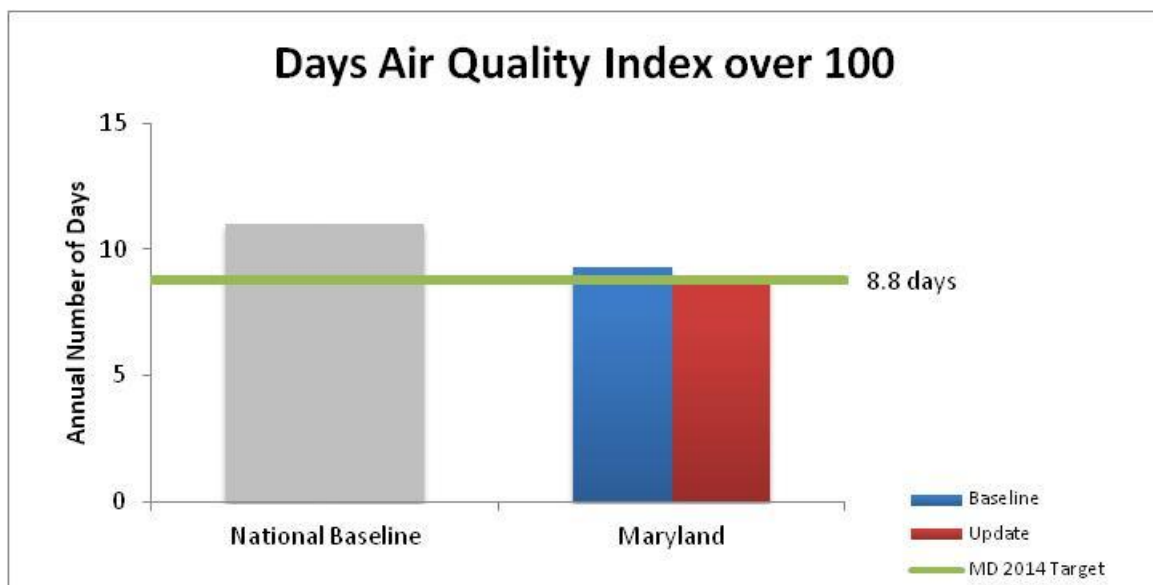
Poor air quality is associated with aggravation of asthma, premature death from heart and lung diseases, and increased acid conditions in lakes and streams.



Update Summary: On track or meeting the Maryland 2014 Target

### Statistics and Goals

Measure: Average number of days the Air Quality Index (AQI) exceeds 100



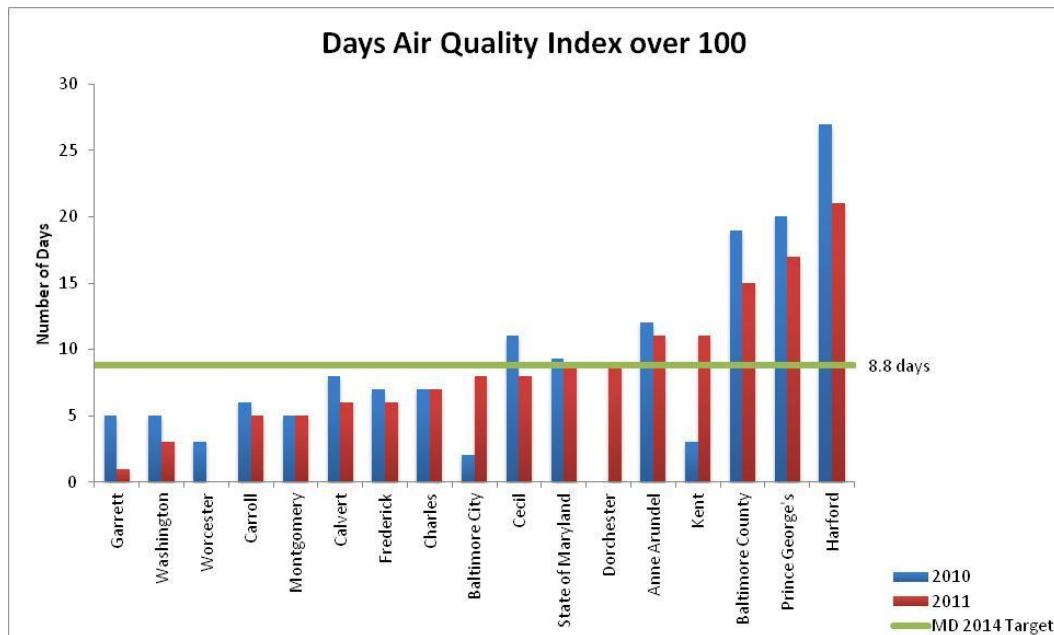
National and Maryland Data Source: United States Environmental Protection Agency

National Baseline	Maryland SHIP	Year	Average Number of Days	SHIP 2014 Target
11 (2008)	Baseline	2010	9.3	8.8
	Update	2011	8.9	

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### Local-Level Data

Measure: Number of days the Air Quality Index (AQI) exceeds 100



Data Source: United States Environmental Protection Agency

County	2010	2011
<b>State of Maryland</b>	<b>9.3</b>	<b>8.9</b>
Allegany	---	---
Anne Arundel	12	11
Baltimore City	2	8
Baltimore County	19	15
Calvert	8	6
Caroline	---	---
Carroll	6	5
Cecil	11	8
Charles	7	7
Dorchester	---	9
Frederick	7	6
Garrett	5	1
Harford	27	21
Howard	---	---
Kent	3	11
Montgomery	5	5
Prince George's	20	17
Queen Anne's	---	---
Saint Mary's	---	---

County	2010	2011
Somerset	---	---
Talbot	---	---
Washington	5	3
Wicomico	---	---
Worcester	3	---

Data Details	
<u>National Data</u>	
Source	United States Environmental Protection Agency Historic Air Quality Data
Year	2008
<u>Maryland Data</u>	
Source	United States Environmental Protection Agency
Year	
Baseline	2010
Update	2011
Calculation	
Numerator	The number of days per year in which the air quality index was over 100 (AQI>100)
Denominator	---
Population source	---
Single year method	---
Combined year method	---
<u>Notes</u>	
Race/ethnicity	---
Censoring	---
Origin	Data downloaded from US Environmental Protection Agency Air Quality Reports website ( <a href="http://www.epa.gov/airdata/ad_rep_aqi.html">http://www.epa.gov/airdata/ad_rep_aqi.html</a> ) September 2012
Other	<b>Note:</b> The baseline measurement for the State of Maryland is the AVERAGE of the local areas' unhealthy air quality days.